

Substitute Page

PCT/AT2004/000389

Claims:

1. An arrangement for introducing forces into a luggage stowage compartment (1) and for transmitting and/or distributing the forces, or tensions, respectively, in vehicles, characterized in that the introduction and distribution of the forces to the luggage stowage compartment (1) is effected via a ceiling-side connecting element which is arranged between extensions (7) of end-side side walls (3) of the luggage stowage compartment (1) and connected thereto.
2. An arrangement according to claim 1, characterized in that the extension (7) of the side wall (3) is formed by an upwardly projecting bracket (11).
3. An arrangement according to claim 1 or 2, characterized in that a force-introducing element, e.g. a bushing (7'), a lug or the like, is provided on the extension (7) of the side wall (3) of the luggage stowage compartment (1).

4. An arrangement according to claims 1 to 3, characterized in that the connecting element is designed as a ledge (8), wall or the like which is fastened to the luggage stowage compartment (1) at at least two spots thereof so as to be unshiftable in the longitudinal direction thereof.

5. An arrangement according to any one of claims 1 to 4, characterized in that the connecting element has a reinforcing cross-section, e.g. an L-shaped cross-section.

6. An arrangement according to any one of claims 1 to 5, characterized in that the connecting element is glued to the luggage stowage compartment (1).

7. An arrangement according to any one of claims 1 to 5, characterized in that the connecting element is integrated in the luggage stowage compartment (1).

8. An arrangement according to any one of claims 1 to

7, characterized in that a bottom carrier (10) is provided on the bottom side of the luggage stowage compartment (1) for the distribution of forces.

9. An arrangement according to any one of claims 1 to 8, characterized in that the connecting element is made of a fiber-reinforced synthetic material.

10. An arrangement according to claim 9, characterized in that the connecting element is made of fiber-glass-reinforced synthetic material.

11. An arrangement according to claim 9, characterized in that the connecting element is made of a carbon-fiber-reinforced synthetic material.